



24-AT-5990
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chalberg

Serial No.: 09/692,135

Filed: October 19, 2000

For: CORE SUPPORT FOR AN F-LATTICE
CORE OF A BOILING WATER
NUCLEAR REACTOR

Art Unit: 3641

Examiner: J. Richardson

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AMENDMENT AFTER FINAL OFFICE ACTION (37 C.F.R. § 1.116)

Commissioner for Patents
Washington, D.C. 20231

Applicant respectfully requests consideration and entry of the following amendment
submitted in response to the Office Action dated November 1, 2002, and made final.

IN THE CLAIMS

1. (twice amended) A core plate assembly for a nuclear reactor, the reactor comprising
a plurality of control rods, a plurality of cruciform shaped control rod guide tubes, and a plurality
of fuel bundles having lower tie plates, said core plate assembly comprising:

a flat plate;

a plurality of support beams, said flat plate positioned on top of said support beams;

a plurality of control rod guide tube openings, each said guide tube opening sized to
receive a control rod guide tube; and

a plurality of fuel supports extending through said flat plate, each said fuel support
comprising:

a coolant flow inlet;